



## WATKINS POND SWM FACILITY WEST CELL IMPROVEMENT PROJECT COMMUNITY MEETING AGENDA

<b>Project:</b>	Watkins Pond SWM Facility West Cell Improvement	<b>Meeting Date:</b>	November 11, 2015
<b>Facilitator:</b>	City of Rockville Department of Public Works	<b>Place:</b>	King Farm Club House

Gabe Kosarek, P.E., City of Rockville Project Manager – [gkosarek@rockvillemd.gov](mailto:gkosarek@rockvillemd.gov) – 240-314-8513  
 Heather Gewandter City of Rockville Stormwater Manager  
 John Heinrichs, P.E. – BayLand Consultants & Designers, Inc.

### 1. Watkins Pond Stormwater Management Facility

- a. Consists of a large east cell, and two smaller west cells separated by a stream buffer
- b. Treats stormwater runoff from a 300 acre drainage area
  - i. Reduces downstream erosion
  - ii. Reduces nitrogen, phosphorous, and sediment pollutants
  - iii. Water discharged to Watts Branch
- c. Ponds have accumulated excessive sediment which is affecting their function
- d. Beaver activity has damaged landscape and affected SWM facility operation

### 2. Project Scope and Goals

- a. Remove accumulated sediment from the existing west cells of the facility
- b. Increase the depth of the pools to improve stormwater quality treatment and increase dredging cycle time
  - i. Retain existing facility footprint and limit impact to surrounding areas
- c. Restore landscaping and repair beaver damage
  - i. Planting over 60 trees of 6 different varieties
  - ii. High and low marsh native wetland plantings around pond perimeters to enhance habitat
- d. Install devices to limit beavers ability to cause facility malfunctions
  - i. Will be done in conjunction with ongoing beaver management
- e. Restore existing pond maintenance paths
- f. Perform other facility maintenance
  - i. Repair gabion mattresses at outfall weir (concrete wall)
  - ii. Restore 50' of destabilized stream at outfall to reduce erosion
  - iii. Construct plunge pool at gabion mattresses

### 3. Project Schedule and Impacts

- a. Design – Currently at 60% design
  - i. Final design (winter 2015)
- b. Construction
  - i. Start of construction – planned summer 2016
  - ii. Duration - approximately 6 to 9 months
- c. Construction traffic in the immediate vicinity of the ponds on Watkins Pond Boulevard, Watkins Overlook, and Game Creek Drive
  - i. Two construction access points on Watkins Overlook, one on Game Creek Drive
- d. Approximately 6 trees to be removed



#### 4. Project Budget

- a. Project design and construction are funded by the City's Stormwater Management Utility through the City of Rockville's **SWM Facility Improvements Capital Improvement Program** (2L59 and SE16 respectively)
- b. Funding for design in FY14
- c. Construction in FY16
- d. Design costs approximately \$175,000
- e. Estimated construction costs – approximately \$1,700,000 (including contingency funds)
- f. Funding offset by a \$750,000 grant from the Chesapeake & Atlantic Coastal Bays Trust Fund

#### 5. Q&A

- a. Feedback and comments
- b. Please feel free to contact Gabe Kosarek, P.E., City of Rockville Project Manager at [gkosarek@rockvillemd.gov](mailto:gkosarek@rockvillemd.gov) or by phone at 240-314-8513 for additional information